REPLACEMENT INFORMATION DISCLOSURE CITATION IN AN APPLICATION

	ATTY. DOCKET NO. 066785-0017	SERIAL NO. 10/813,856
	APPLICANT Douglas A. Lappi et al.	
	FILING DATE March 30, 2004	GROUP 1631

(PTO-1449)

			J	J.S. PATENT	T DOCUMENTS				
EXAMINER'S INITIALS	CITE NO.		ocument Number per-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Appli Document	cant of Cited			Lines, Where es or Relevant ppear
	1.	US	5,191,067	03-02-1993	Lappi et al.				
	2.	US	5,679,637	10-21-1997	Lappi et al.				
	ı			FOREIGN PAT	ENT DOCUMENTS				
EXAMINER'S INITIALS	CITE NO.		gn Patent Document y Code3 -Number 4 -Kind Code5 (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column Where Rele Figures App	vant	Tra Yes	anslation No
				, ,	, Title, Date, Pertinent Pages, E	*			
EXAMINER'S INITIALS	CITE NO.		serial, symposium, cat), title of the article (when appro e(s), volume-issue number(s), p				э,
	3.	3. ABBADIE et al., "Inflammation increases the distribution of dorsal horn neurons that							
		internalize the neurokinin-1 receptor in response to noxious and non-noxious stimulation," <u>J. Neurosci.</u> 17:8049-8060 (1997).							
	4.	ANDERSON et al., "Dopamine D₁ receptor-stimulated release of acetylcholine in rat							
		striatum is mediated indirectly by activation of striatal neurokinin ₁ receptors," <u>J.</u>							
	5.	Pharmacol. Exp. Therap. 269:1144-1151 (1994).							
	5.	ANTON et al., "Development of a biotinylated analog of substance P for use as a receptor probe," <u>Laboratory Investigation</u> 64:703-708 (1991).							
	6.	BOEHMER et al,. "High levels of mRNA coding for substance P, somatostatin and alpha-tubulin are expressed by rat and rabbit dorsal root ganglia neurons," Peptides 10:1179-1194 (1989).							
	7.	BOZIC et al., "Neurogenic amplification of immune complex inflammation," <u>Science</u> 273:1722-1725 (1996).							

EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

REPLACEMENT INFORMATION DISCLOSURE CITATION IN AN **APPLICATION**

ATTY. DOCKET NO. SERIAL NO. 10/813,856 066785-0017 APPLICANT Douglas A. Lappi et al. GROUP FILING DATE

(PTO-1449)

March 30, 2004 1631

8.	BRELJE et al., "Three-dimensional imaging of intact isolated islets of Langerhans with confocal microscopy," <u>Diabetes</u> 38:808-814 (1989).	
9.	BRIMIJOIN et al., "Axonal transport of substance P in the vagus and sciatic nerves of the guinea pig," Brain Research 191:443-457 (1980).	
10.	BROWN et al., "Morphological characterization of substance P receptor-immunoreactive neurons in the rat spinal cord and trigeminal nucleus caudalis," <u>J. Comp. Neurol.</u> 356:327-344 (1995).	
11.	BUECHLER et al., "Synthesis and characterization of a homogeneous chemical conjugate between basic fibroblast growth factor and saporin." <u>Eur. J. Biochem.</u> 234(3):706-713 (1995).	
12.	CHAPMAN and DICKENSON, "The effect of intrathecal administration of RP67580, a potent neurokinin 1 antagonist on nociceptive transmission in the rat spinal cord," Neurosci. Lett. 157:149-152 (1993).	
13.	DE KONICK et al., "Substance P-mediated slow excitatory postsynaptic potential elicited in dorsal horn neurons in vivo by noxious stimulation," Proc. Natl. Acad. Sci.uSA 88:11344-11348 (1991).	
14.	DEL FIACCO et al., "GAP-43 persists in adulthood and coexists with SP and CGRP in human trigeminal sensory neurons," NeuroReport 5:2349-2352 (1994).	
15.	DING, et al., "Spinoparabrachial tract neurons showing substance P receptor-like immunoreactivity in the lumbar spinal cord of the rat," <u>Brain Research</u> 674:336-340 (1995).	
16.	DOUGHERTY et al., "Combined application of excitatory amino acids and substance P produced long-lasting changes in responses of primate spinothalamic tract neurons," Brain Res. Rev. 18:227-246 (1993).	
17.	DOUGHERTY et al., "Enhancement of spinothalamic neuron responses to chemical and mechanical stimuli following combined micro-iontophoretic application of N-methyl-D-aspartic acid and substance P," Pain 47:85-93 (1991).	
18.	DUGGAN et al., "Sustained isometric contraction of skeletal muscle results in release of immunoreactive neurokinins in the spinal cord of the anaesthetized cat," Neurosci. Lett. 122:191-194 (1991).	
19.	GILCHRIST et al., "Enhanced withdrawal responses to heat and mechanical stimuli following intraplantar injection of capsaicin in rats," Pain 67:179-188 (1996).	
20.	GRADY et al., "Delineation of the endocytotic pathway of substance P and its seven-transmembrane domain NK1 receptor," Mol. Biol. Cell 6:509-524 (1995).	
21.	GUZMAN et al., "Effect of substance P on acetylcholine and dopamine release in the rat striatum: a microdialysis study," <u>Brain Research</u> 622:147-154 (1993).	
22.	HARGREAVES et al., "A new and sensitive method for measuring thermal nociception in cutaneous hyperalgesia," Pain 32:77-88 (1988).	

EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

REPLACEMENT INFORMATION DISCLOSURE CITATION IN AN APPLICATION

ATTY. DOCKET NO.
066785-0017

APPLICANT

Douglas A. Lappi et al.

FILING DATE
March 30, 2004

SERIAL NO.
10/813,856

(PTO-1449)

23. HOKFELT et al., "Experimental immunohistochemical studies on the localization and distribution of substance P in cat primary sensory neurons," Brain Research 100:235-252 (1975). HUMPEL, "Intranigral injection of selective neurokinin-1 and neurokinin-3 but not 24. neurokinin-2 receptor agonists biphasically modulate striatal dopamine metabolism but not striatal preprotachykinin-A mRNA in the rat," Neurosci. Lett. 157:223-226 (1993). 25. JESSELL and IVERSEN. "Opiate analgesics inhibit substance P release from rat trigeminal nucleus," Nature 268:549-551 (1977). KAR et al., "Altered calcitonin gene-related peptide, substance P and enkephalin 26. immunoreactivities and receptor binding sites in the dorsal spinal cord of the polyarthritic rat," Eur J. Neurosci. 6:345-354 (1994). KIM and CHUNG, "An experimental model for peripheral neuropathy produced by segmental spinal nerve ligation in the rat," Pain 50:355-363 (1992). 28. LAMBERT et al., "Purified immunotoxins that are reactive with human lymphoid cells," J. Biol. Chem. 260:12035-12041 (1985). 29. LAPPI et al., "Biological and chemical Characterization of basic FGF-saporin mitotoxin." Biochem. Biophys. Res Commun. 160(2):917-923 (1989). LAPPI et al., "Characterization of a Saponaria officinalis seed ribosome-inactivating 30. protein: immunoreactivity and sequence homologies." Biochem. Biophys. Res. Commun. 129(3):934-942 (1985). LAPPI et al., "Characterization of a saporin mitotoxin specifically cytotoxic to cells bearing the granulocyte-macrophage colony-stimulating factor." Growth Factors 9(1):31-39 (1993). LAPPI et al., "Reducing the heterogenecity of chemically conjugated targeted toxins: homogeneous basic FGF-saporin," Analytical Biochemistry, 212(2):446-451 (1993). 33. LITTLEWOOD, et al., "The types of neuron in spinal dorsal horn which possess neurokinin-1 receptors," Neuroscience 66:597-608 (1995). LIU et al,. "Synaptic relationship between substance P and the substance P receptor: 34. light and electron microscopic characterization of the mismatch between neuropeptides and their receptors," Proc. Natl. Acad. Sci. USA 91:1009-1013 (1994). LUO and WISENFELD-HALLIM, "The effects of pretreatment with tachykinin 35 antagonists and galanin on the development of spinal cord hyperexcitability following sciatic nerve section in the rat," Neuropeptides 28:161-166 (1995). MA et al., "Involvement of neurokinin receptors in the induction but not the maintenance 36. of mechanical allodynia in rat flexor motoneurones," J. Physiol. (London) 486:769-777 (1995).MALMBERG et al., "Hyperalgesia mediated by spinal glutamate or substance P 37. receptor blocked by spinal cyclooxygenase inhibition," Science 257:1276-1279 (1992).

	EXAMINER	DATE CONSIDERED
1		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

REPLACEMENT
INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

	ATTY. DOCKET NO. 066785-0017	SERIAL NO. 10/813,856
APPLICANT Douglas A. Lappi et al.		
	FILING DATE March 30, 2004	GROUP 1631

(PTO-1449)

MANTYH et al., "Beta 2-adrenergic receptors are expressed by glia in vivo in the 38. normal and injured central nervous system in the rat, rabbit, and human," J. Neurosci. 15:152-164 (1995). MANTYH et al., "Some sensory neurons express neuropeptide Y receptors: potential 39. paracrine inhibition of primary afferent nociceptors following peripheral nerve injury," J. Neurosci. 14:3958-3968 (1994). MANTYH, et al., "Receptor endocytosis and dendrite reshaping in spinal neurons after 40. somatosensory stimulation," Science 268-1629-1632 (1995). MARSHALL et al., "Neurokinin-1 receptors on lumbar spinothalamic neurons in the rat." 41. Neuroscience 72:255-263 (1996). 42. MCCARSON and KRAUSE, "The formalin-induced expression of tachkinin peptide and neurokinin receptor message RNAs in rat sensory ganglia and spinal cord is mediated by opiate preadministration," Neuroscience 64:729-739 (1995). 43. MUNRO et al., "The effects of neurokinin receptor antagonists on mustard oil-evoked activation of rat dorsal horn neurons," Neuropeptides 25:299-305 (1993). NAGY et al.. "NK1 and NK2 receptors contribute to C-fibre evoked slow potentials in the 44. spinal cord," NeuroReport 5:2105-2108 (1994). NAGY et al., "The role of neurokinin and N-methyl-D-aspartate receptors in synaptic 45. transmission from capsaicin-sensitive primary afferents in the rat spinal cord in vitro." Neuroscience 52:1029-1037 (1993). 46 NAKAYA et al., "Immunohistochemical localization of substance P receptor in the central nervous system of the adult rat," J. Comp. Neurol. 347:249-274 (1994). 47. NEUGEBAUER et al., "Involvement of substance P receptors in the hyperexcitability of dorsal horn neurons during the development of acute arthritis in rat's knee joint," J. Neurophysiol. 73:1574-1583 (1995). 48. NEUGEBAUER et al., "The involvement of substance P and neurokinin-1 receptors in the responses of rat dorsal horn neurons to noxious but not to innocuous mechanical stimuli applied to the knee joint," Brain Res. 666:207-215 (1994). NICHOLS, et al., "Transmission of chronic nociception by spinal neurons expressing the 49. substance P receptor," Science 286:1558-1561 (1999). PICARD et al., "Cardiovascular and behavioural effects of centrally administered 50 tachykinins in the rat: characterization of receptors with selective antagonists," Br. J. Pharmacol. 112(1):240-249 (1994) QUARTU et al., "Calcitonin gene-related peptide in the human trigeminal sensory 51. system at developmental and adult life stages: immunohistochemistry, neuronal morphometry and coexistence with substance P," J. Chem. Neuroanat. 5:143-157 (1992).

EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

REPLACEMENT
INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

ATTY. DOCKET NO. SERIAL NO. 066785-0017 10/813,856 APPLICANT Douglas A. Lappi et al. FILING DATE GROUP

(PTO-1449)

March 30, 2004 1631

	· · · · · · · · · · · · · · · · · · ·	
52.	SALTER et al., "Responses of functionally identified neurons in the dorsal horn of the cat spinal cord to substance P, neurokinin A and physalaemin," Neuroscience 43:601-610 (1991).	
53.	SANN et al., "Reduction of substance P bindling sites in the spinal dorsal horn after perineural capsaicin treatment in the rat," Neurosci Lett. 190:151-154 (1995).	
54.	SCHAIBLE et al., "Release of immunoreactive substance P in the spinal cord during development of acute arthritis in the knee joint of the cat: a study with antibody microprobes," Brain Research 529:214-223 (1990).	
55.	SIMONE et al., "Neural mechanisms of hyperalgesia," <u>Curr. Opin. Neurobiol.</u> 2:479-483 (1992).	
56.	SIMONE et al., "Neurogenic hyperalgesia: central neural correlates in responses of spinothalmic tract neurons," J. Neurophysiol. 66:228-246 (1991).	
57.	SMITH et al., "Non-specific effects of the tachykinin NK1 receptor antagonist, CP-99, 994, in antinociceptive tests in rat, mouse and gerbil," <u>Eur. J. Pharmacol.</u> 271:481-487 (1994).	
58.	STIRPE et al., "Ribosome-inactivating proteins from plants: present status and future prospects," Bio/Technology 10:405-412 (1992).	
59.	STIRPE et al., "Ribosome-inactivating proteins from the seeds of Saponario officinalis L. (soapwort) of <i>Agrostemma githago</i> L. (corn cockle) and of <i>Asparagus officinalis</i> (asparagus) and from the latex of <i>Hura crepitans</i> L. (sandbox tree)." Biochem J. 216:617-625 (1983).	
60.	TADANO et al., "Immunohistochemical determination of rat spinal cord substance P, and antinociceptive effect during development of thiamine deficiency," <u>Brain Res.</u> 696:21-29 (1995).	
61.	TRAUB et al., "The spinal contribution of substance P to the generation and maintenance of inflammatory hyperalgesia in the rat," Pain 67:151-161 (1996).	
62.	VIGNA et al., "Characterization of antibodies to the rat substance P (NK-1) receptor and to a chimeric substance P receptor expressed in mammalian cells," <u>J. Neurosci.</u> 14:834-845 (1994).	
63.	YAMAMOTO et al., "Effects of FK224, a novel cyclopeptide NK1 and NK2 antagonist, and CP-96, 345, a nonpeptide NK1 antagonist, on development and maintenance of thermal hyperesthesia evoked by carrageenan injection in the rat paw," Anesthesiology 79:1042-1050 (1993).	
64.	YASHPAL et al., "Noxious peripheral stimulation produced antinociception mediated via substance P and opiod mechanisms in the rat tail-flick test," <u>Brain Res.</u> 674:97-103 (1995).	
65.	YASHPAL et al., "Noxious stimulation decreases substance P binding in rat spinal dorsal horn: competition by endogenous ligand?" NeuroReport 5:2101-2104 (1995).	

SDO 113105-1.066785.0017

EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.